User Troubleshooting and Tips

English

Lotem 800V

399Z1P480A

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4743091	5291273	5459505	5625766	5854883	6014471	6159659
4992864	5296935	5473733	5636330	5861904	6016752	6164637
5049901	5313278	5481379	5649220	5861992	6031932	6180325
5079721	5323248	5488906	5650076	5864651	6043865	6181362
5103407	5325217	5497252	5652804	5875288	6060208	6181439
5111308	5331439	5508828	5691823	5894342	6063528	6186068
5113249	5333064	5509561	5691828	5900981	6063546	6189452
5122871	5339176	5517359	5696393	5934196	6072518	6191882
5124547	5343059	5519852	5699174	5942137	6090529	6204874
5132723	5355446	5526143	5699740	5946426	6096461	6208369
5150225	5359451	5532728	5708736	5947028	6098544	6252522
5153769	5359458	5561691	5713287	5958647	6107011	6260482
5155782	5367360	5568595	5739819	5966504	6112663	
5157516	5367388	5576754	5742743	5969872	6115056	
5208818	5384648	5579115	5764381	5973801	6121996	
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Lotem 800V Platesetter User Troubleshooting & Tips

The following guide describes common errors that you may encounter when using your Lotem 800V platesetter and how to resolve them. We also offer some useful tips that may help to avoid problems.

Note: There may be more than one problem that causes a particular error message. In such cases, we describe the various possibilities and suggest that you check them in the order in which they appear.

Lotem Tips That Are Always Good To Remember …

- When shutting down the Lotem 800V platesetter, perform the following: close the Lotem application, shut down the PC and wait for the screen message "it is safe to turn off your computer now". Only then press the Power on/off pushbuttons (yellow) at the rear of the platesetter.
- When a problem occurs that requires shutting down the platesetter, perform the above procedure. In addition, shut down the main circuit breaker (located on the rear lower panel).
- Recovery from any error that is related to the loading system, such as, releasing a stuck plate or a plate that did not reach the punch, requires resetting the plate state. Select **Hardware** from the Utilities menu. In the Hardware window, select **Loading System → Loading System** and then click **Reset Plate State** in the Loading System window.
- When loading plates in the cassette, make sure the plates are carefully centered. This helps to avoid a Loading to Punch failure. In addition, make sure that the side and rear plate holding brackets are locked.
- A backup diskette of your system, including the Registry & DataBase, should be kept on the cover of the Lotem 800V PC controller (inside the right side door).
    - Keep a second backup copy in a safe location, known to all Lotem operators.
    - Make sure that the local engineer updates the relevant diskettes each time the application or system are updated.
- To minimize the probability that two plates are picked up together, make sure that room temperature is maintained in the range of 21-25°C, and humidity is approximately 55%.
- In case of any loading system error, please verify that:
    - The air pressure supply is above 6 ATM.
    - The drum motor & drum vacuum circuit breakers on the rear panel are **on**.

Whenever you need to call CreoScitex support for help, the following information should be supplied. This information is important for addressing your problem.

- In case of an error in the PC controller application, write down the first five (5) error messages that are listed in the Message window of the PC controller main window.
- In case of error in the Brisque application, write down the Brisque error number and message.
- In case of loading/unloading failure, write down the plate location, if known.
- Write down the Brisque Job information (Job type, number of separations, Screen set that is used and LW/CT resolution).

What To Do In Case Of ?

Summary of Error Messages Table

System/ application errors	For recommended solution …
C++ Debug window message	please see page 4
Drum did not reach position	please see page 11
Drum fly-off	please see page 9
Expose starts with no good lasers	please see page 13
Expose task aborted by host	please see page 11
Illegal gripper width	please see page 10
Illegal plate size	please see page 10
Laser performance reduced	please see page 15
Load gripper is protected by load gripper protector	please see page 11
MCF card start up fails	please see page 4
Motor interlock loop open	please see page 7
Operation Put & Get of DDB card has failed	please see page 4
Operation Put & Get of Local card has failed	please see page 4
Operation Put & Get of Distribution card has failed	please see page 4
Paper disposal bin is full	please see page 12
Plate did not reach punch position	please see page 7
Plate is being stuck halfway during the unload process	please see page 11
Vacuum did not grab the plate	please see page 9

Start Up Problems

PC does not boot and nothing appears on the PC monitor

1. Verify that all power circuit breakers are in the **on** position.
2. Verify that both on/off power buttons at the rear of the platesetter (yellow pushbuttons) are in their **out** position.
3. Check that the transformer is plugged into the wall and that the transformer main switch is **on**.
4. Check that the Lotem cable is properly connected to the transformer outlet.
5. Verify that the power of the PC monitor is **on**.

Windows does not start and the error message relates to boot disk/diskette

1. Open the front door by inserting a long screwdriver into the holes (on both left and right sides), as shown in Figure 1. Then open the right side door and make sure that a diskette was not left inside the diskette drive.



Figure 1: Opening the front door using a screwdriver

Windows does not launch and the error message relates to missing or corrupted files

1. Continue startup and follow the screen instructions. Wait until the Windows startup is complete. Then perform Windows shutdown and reboot the PC.
2. If the startup fails and the PC hangs, do the following: press **F1** during initial startup and choose **Safe Boot**. Then run system check/test from **Accessories → Disk Tool → Scan Disk**.
3. In some cases, Scan Disk will not resolve the problem. In such cases, you may need to reload the following files onto your hard disk: first Windows, then drivers, and finally the Lotem application. Please contact your local Call Center for details **before** you proceed. If you are instructed by your local Call Center to proceed, please refer to *Appendix - Lotem 800V Application & Operating System Loading, sections D-G* of this document for detailed instructions.

Lotem application aborts or error messages appear after launch

1. The Windows message “C++ Debug” means that some parameters in the Registry have a wrong setting or that application files/folders are missing. You will probably need to reload the Registry from the backup diskette or reload the Lotem application from the Lotem application CD-ROM. However, you should contact your local Call Center for details **before** you proceed. If you are instructed by your local Call Center to reload the Registry or the application, see *Appendix - Lotem 800V Application & Operating System Loading* of this document for detailed instructions.
2. Error message: “MCF board start up fails”. In this case, shut down the platesetter and restart. If error reappears, reload the Registry from the backup diskette. See the above mentioned Appendix for instructions.
3. Error message: “The Operation Put & Get of DDB board has failed” (or “Local board has failed” or “Punch board has failed” or “Distribution board has failed”). In this case, shut down the platesetter and restart.

Cannot release the cassette from the platesetter

1. When you click the **Release Cassette** button on the PC controller main window, the locking pins do not go down and the cassette cannot be released. If an error message does not appear, verify that the pressure in the air compressor is 6 ATM. If necessary, adjust the air pressure. If an error message appears, shut down the platesetter and start up again.
2. When you click the **Release Cassette** button on the PC controller main window, the locking pins go down but then jump back up before you get a chance to release the cassette. In this case, verify that the platesetter status is **Ready**. If the status is **Working**, wait until the current operation is completed and the status is **Ready**. Then try again to release the cassette. If you are still unable to release the cassette, please contact your local Call Center for further help.

3. If you want to release the cassette when the application is not **on**, you need to release the cassette pins manually. In this case, open the paper disposal doors and push down the cassette pins. There are two pins – one on each side of the cassette entrance. You can then release the cassette. Please see the figure below.

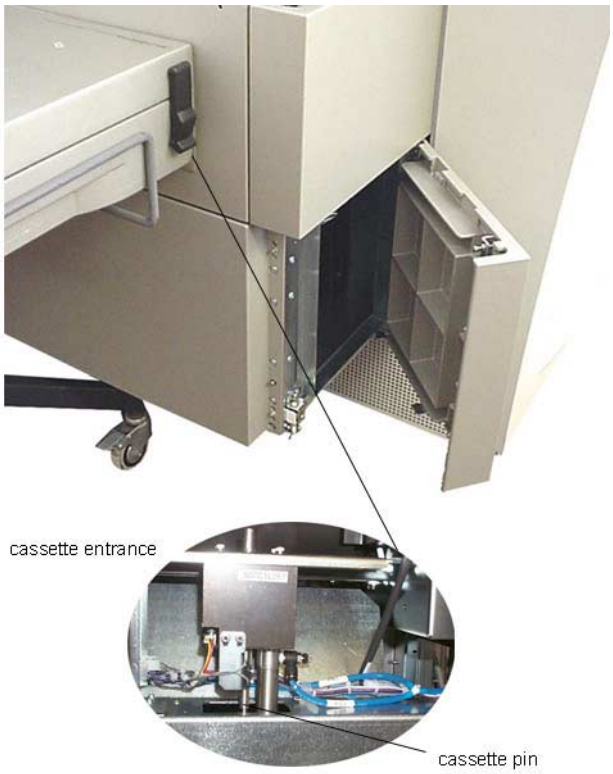


Figure 2: Paper disposal door and zoomed view of cassette entrance with cassette pin (right side)

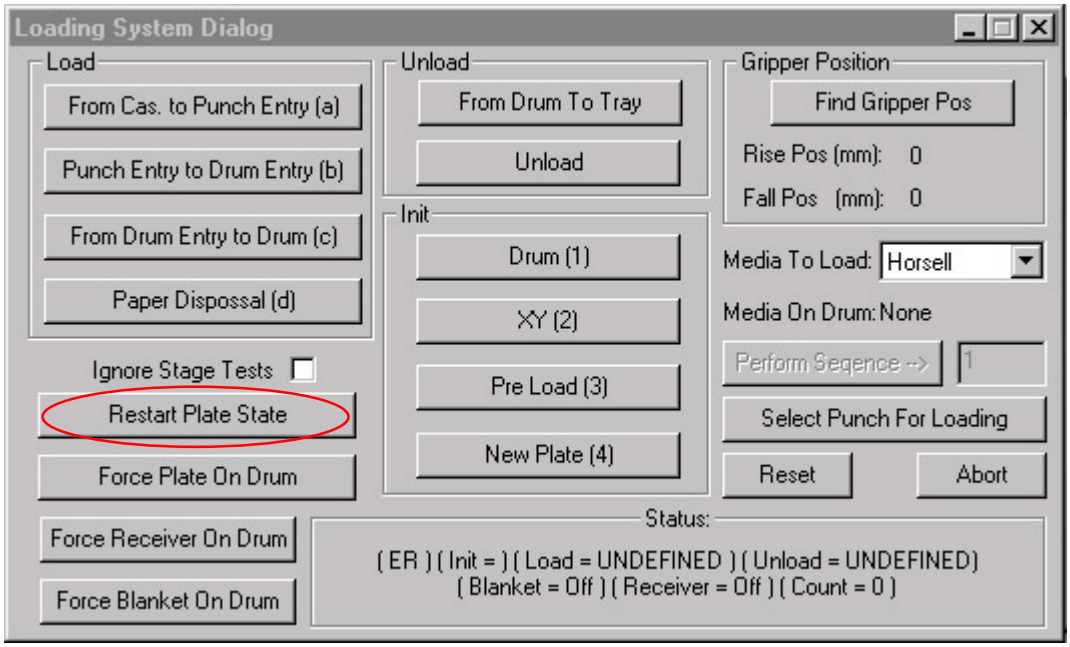
Plate Loading Failure

Important: When handling the plates, especially if you need to release them, be sure to wear protective gloves as the plate edges are sharp.

Two plates are picked up together from the cassette

Tip: you need to open the front door and look into the loading area in order to find out that two plates are picked together.

1. If the plates are still in the Cassette to Punch area:
   Gently try to push them back into the cassette. If this is not possible, open cassette cover and push the plates back into the cassette. From the Hardware window, select **Loading System → Loading System** to open the Loading System window. In the Loading System window shown below, click **Restart Plate State**.



2. If plates are positioned halfway on the drum**:**
   Open the rear door. Then using your hands, slowly rotate the drum away from you (towards the cassette), until you can see the plate tail edge. (A metallic noise might be heard, which is caused by the edge being dragged on the roller system.)

   If the plates are held by a tail gripper(s), release the gripper(s). Hold the edges of both plates and pull the plates towards you until the head gripper is visible. Then press on one or two head grippers while pulling the plates abruptly. Completely remove the plates from the drum. In the Hardware window, select **Loading System → Loading System** to open the Loading System window. In the window, click **Restart Plate State**.

   Now perform the Tail Gripper Pre-load procedure (please refer to *Drum Fly-off* on page 9)

3. Occasionally, a batch of plates may be problematic and a source for excessive static electricity. This may cause plate-loading problems.

Tip: To minimize the probability that two plates are picked up together, make sure the room temperature is maintained in the range of 21-25 degrees, and humidity is approximately 55%.

The following two workarounds are possible if two plates are still picked up together:

- When loading the plates in the cassette, fold the front right and left corners of each Interleaf paper. This will create a thin air cushion between the plates and may help in separating the plates.
- Add a folded cardboard (approximately 1 cm thick, 3 cm wide and 50 cm long) under the plates. The cardboard should be placed in the first third of the cassette (from front to back). This may help in separating the plates when a plate is picked up.

Error message: "Motor Interlock Loop Open"

The plate loading operation fails. On the PC controller main window, machine status is **Service** and the interlock indicator is: "Motor interlock loop open".

1. Open the front door and verify that the XY security switch (the yellow button located on the front metal bracket) is **out**.
2. Pull the cassette out using the **Release Cassette** button and then re-insert the cassette.
3. If you have a second cassette at your site, try using that cassette and see if this solves the problem.
4. If you don't have a second cassette, or the problem is not solved when using the second cassette, please contact your local Call Center for further instructions.

Plate loading fails with error "Plate did not reach punch position"

1. Verify that the plates are centered properly in the cassette; that is, both side brackets touch the plate sides and the rear bracket is approximately 1 mm from the plate edge.
2. Check if the plate edge is bent or cut or coated with glue. This may cause the short pins to fail a plate reading when the pins are supposed to touch the plate (these are the centering system pins and/or the pins near the punch blocks). Try rotating the plate 180 degrees. This may be helpful to verify if the plate edge is the cause of the problem.
3. Pull out the cassette using the **Release Cassette** button. Then look through the cassette entrance towards the punch block units. If you can see one of the punch pins in the middle of the punch slot, this means that a plate may get stuck on its way to the punch. In this case, contact your local Call Center with a description of your problem (see Figure 3).

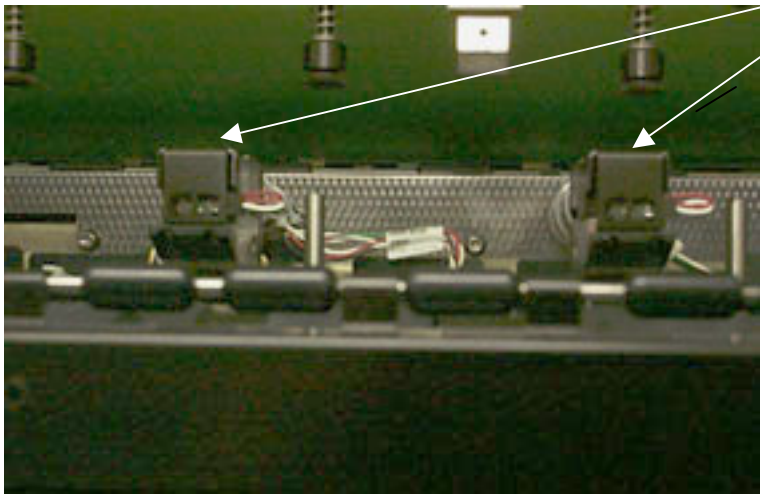


Figure 3: Punch blocks shown through the cassette entrance (zoomed view)

4. Open the front door. Verify that the loading bar (the XY bar) is at equal distance from the cassette edge at both sides. This ensures that the loading bar is parallel to the plate (see Figure 4). If the loading bar alignment is more than 1 cm off, this may cause plate loading problems. In this case, contact your local Call Center with a description of your problem.

   Also, verify that the loading bar is completely horizontal (see Figure 5). If it is not horizontal, contact your local Call Center.

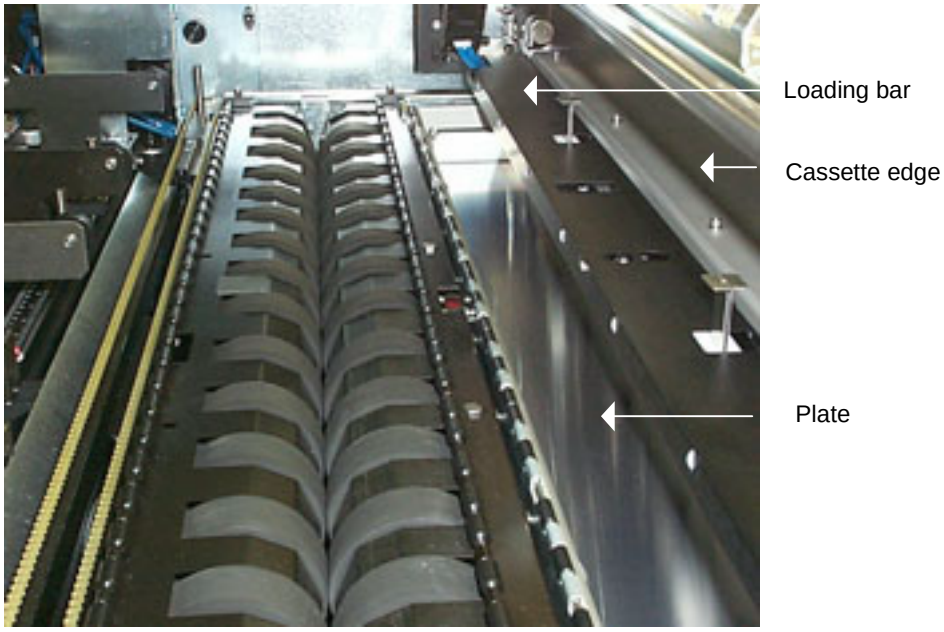


Figure 4: Loading bar parallel to cassette edge

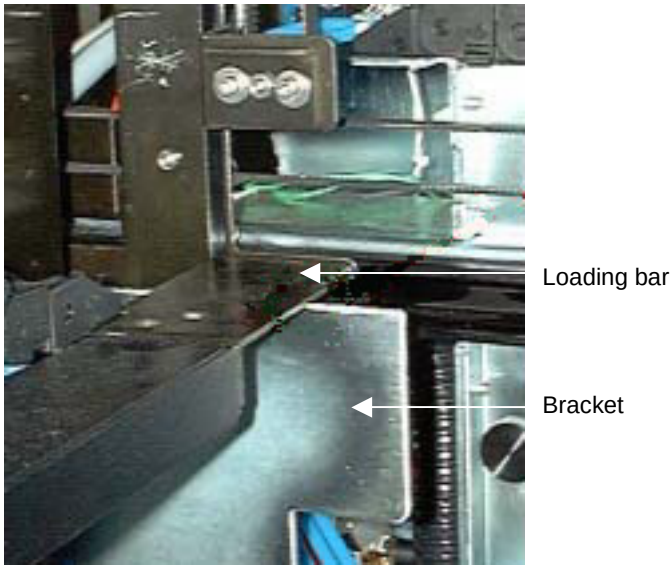


Figure 5: Loading bar (right side of machine)

Plate loading fails with error "Vacuum did not grab plate"

Open the front door and check the plate location. The cause and solution to this problem depends on plate location, as detailed below.

1. If you can see the plate inside the cassette, verify that the plate edge is not under the two side brackets. In this case, the plate cannot be loaded. Please reposition the plate in the cassette; you may need to open the cassette cover in order to do this.
2. From the Hardware window, select **Loading System → Loading System**. With Loading System selected, right-click to open the Registry parameters. Click **Loading System Setup** and verify that the value of Y Extra to Detector is set to its default (typically 14 mm). If the value is lower, change it to the default value.

   Please note that you need to change the user type in order to change the parameter value. To do so, click **Users** in the Routine Functions menu. In the Define User window that opens, choose **Service** as user type and enter **Scitex** as the password. Then change the Y Extra to Detector value to its default.
3. Verify that the loading bar is horizontal to the plate (see Figure 4 above). Push the bar toward the drum until it touches the two vertical metal brackets. The loading bar should be parallel to the brackets on both axes. If it is not parallel, please contact your local Call Center for further instructions.
4. If the plate is partially out of the cassette, check that all the Vacuum suction cups are intact, complete and do not have a tear. If there is a problem with the suction cups, please contact your local Call Center with a description of the problem.
5. If the plate is halfway onto the Punch blocks, examine the front edge of the plate. If there are bends or dents in the plate, these may be as a result of the plate hitting one of the punch blocks as it loaded from the cassette.

Drum Fly-off error

- Open the front and rear doors, and manually remove the plate. Move all tail grippers to the end of their slots (near the head grippers) (see Figure 6). Make sure that the tail grippers are not moved beyond the head gripper holes. Then close the doors. From the Hardware window, select **Loading System → Loading System,** and click the following: **Restart Plate State**, **Drum** and **New Plate**. Now resend the job from the Brisque.



Figure 6: Tail grippers moved toward the end of slots

Plate loading fails with error “Illegal plate size”

There may be several causes to this error message. Check the following possibilities:

1. Verify that the plate size defined in the Off-line/Current Cassette window is the plate size that was actually loaded into the cassette.
2. Measure the plate in the cassette. Plate size should be within +/-1 mm of the dimensions defined in the Plate Definition window.
3. Open the front door. Verify that the two side pins of the centering system do touch the plate when this error message appears. If they touch the plate, clean the pins using a cleaning fluid (alcohol or film cleaner).
4. Verify that the plate is parallel to the Centering/Punch system. If it is not parallel, check if the plates are positioned correctly in cassette. For example, the plates may not be aligned in the cassette. If necessary, reposition the plates in the cassette. If the plates are correctly positioned, please contact your local Call Center with a description of the problem.

Plate loading fails with error “Illegal gripper width”

There may be several causes to this error message. Check the following possibilities:

1. Open the front door and manually remove the plate from the drum. For detailed instructions on how to do this, please refer to *Plate Loading Failure, Two plates are picked up together from the cassette*, item 2, described on page 6.
2. Move all tail grippers to the end of their slots (near the head gripper). Make sure not to move them beyond the head gripper holes. Close the front door. From the Hardware window, select **Loading System** → **Loading System**. In the **Loading System** window that is displayed, click **New Plate**.
3. Clean the two red LED sensors located on both sides of the drum chassis using a dry cloth (see Figure 7).



Figure 7: Two red LED sensors

Plate loading fails with drum related error "Drum did not reach position" or "Load Gripper is protected by Load Gripper Protector"

There may be several causes to this error message. Check the following possibilities:

1. Verify that all covers and panels are properly closed. Make sure that no interlock is active (that is, an interlock indicator does not appear on the main application window, and the machine status is **not** Service).
2. Verify that the Air compressor supply to the platesetter is adequate (minimum setting of the Air compressor should be 6 ATM).
3. From the Hardware window, select **Loading System → Loading System**. In the Loading System window that opens, click **Drum Init**.

Punch is stuck

If the punch gets stuck while punching a plate, try the following:

1. Remove the plate. If you cannot remove the plate, the punch pin may still be in its low position in the plate.
2. If this is the case, you need to release the punch: In the Hardware window, select **Punch System → Punch Motor → Punch Motor xx** (where xx is the punch number). The punch numbers proceed from left to right. If you are not sure which punch needs to be released, activate the punches one by one by clicking **Start,** and at the same time try to pull out plate.
3. If you cannot release the punch as described in step 2 above, please contact your local Call Center for further instructions.

Plate Unloading Failure

Plate does not unload from the platesetter

1. Make sure that the previous plate entered the processor correctly. If it did not, this plate may be blocking the conveyor sensor. Verify that the processor is in Ready state, and clear any error message on the processor panel. If there is still a problem, contact the processor technician.
2. Move the previous plate into the processor. Then click **Unload Plate** from the Routine Functions menu to manually unload the current plate.
3. Check that there are no error messages relating to Vibration or Fly Off. If there are such messages, please contact your local Call Center for further instructions.
4. Try to manually unload the plate. Then load and unload a different plate size. If this goes smoothly then there may be a specific problem with the original plate size.
5. Load the plate into the processor. Then examine the plate to see if it was partially exposed, or not exposed at all. If it was partially exposed, this can indicate a problem with the exposure sequence and not a plate-unloading problem – see *Exposure Failure* on next page.

Unload fails after performing Restart Plate State

If you have a problem performing **Restart Plate State** while there is a plate on the drum, then you will not be able to expose the plate or unload it, because Restart Plate State resets the plate status to "No plate on drum". To resolve this problem, click **Force Plate On Drum** to force the system to acknowledge the plate on the drum. Then you can either expose the plate or unload it.

Important: **Never** use **Force Plate On Drum** before performing a visual check that there is actually a plate on the drum.

Paper Disposal Failure

Error message "Paper disposal bin is full" keeps appearing even when paper bin is empty

1. Reset the paper counter. Open the Hardware window, click **Others** and then right-click on **Lotem 800V**. Double-click on **IO Objects → Loading System** and change the parameter [Num of paper in bin] to **0**. Please note that you need to change the user type in order to change the parameter value. To do so, click **Users** in the Routine Functions menu. In the Define User window that opens, choose **Service** as user type and enter password **Scitex** (for version 2.20 & up).

Exposure Failure

Exposure does not start at all and the error messages relate to the Host

There may be several causes to this error message. Check the following possibilities:

1. In the Platesetter Config window on the Brisque, verify that the Status icon at the upper right corner displays **Connected**. If **Not Connected** is displayed, verify that the Data cable or Fiber optic is properly connected, and that the Brisque and PC controller are on the network (in some cases, a Point To Point connection exists). To check the connection ping the platesetter from the Brisque: open the terminal window on the Brisque. Then on the PC, open **Settings → Control Panel → Network → TCPIP → Properties** and type ping 192.9.200.2.

   Important: The Lotem IP may be a different number. You can verify the number on the Brisque. Choose SCISMIT → Platesetter and then the **Display Lotem IP Address** option in the Lotem IP address field.

   To stop the ping sequence type: **CTRL+C**. (See the network connection in Figure 8.)
2. Check that the proper Screen Set is used, depending on your connection type, VLSI or TSP.
3. Try exposing a different file using a different setting.
4. Verify that the platesetter is in **Ready** status and that the Brisque queue is not suspended.

5. Under the Lotem SetUp Tables, verify that the maximum intensity value for any plate/resolution is not higher than 300mW. If it is higher, reset the value to 300mW.



Figure 8: Network cable

Exposure begins but aborts in the middle

1. Verify that all covers and panels are properly closed, and that the main application window does not show an active interlock indicator (**Service** status).
2. Run the same job using standard exposure setting; that is, Screen Set name, OffSet = Zero, # of Copies = 1, and so on.
3. Run a different job or different Lotem Calibration strips. If these are ok, then the problem may be related to the specific job.
4. If your platesetter operates in VLSI mode:
   Check that the Fiber optic connection between the Brisque DFE and the platesetter is properly connected. Open a Terminal window on the Brisque DFE and type **mon4**. Then choose VLSI # 0 and you should get a response: VLSI OK (type q to exit). If an error message appears, shut down the platesetter and the Brisque DFE, and then power them up again. Make sure to power up the platesetter **before** the Brisque DFE.

5. If your platesetter operates in TSP mode:
   Check that Data cable is properly connected on the Brisque DFE rear panel. Open a Terminal window on the Brisque DFE and type **monNsp**. You should get a response NSP**>** (type q to exit). If an error message appears, shut down the platesetter and the Brisque DFE and then power them up again. Make sure to power up the platesetter **before** the Brisque DFE.
6. Select **SetUp Tables** from the Utilities menu. In the Plate Setup tables, locate your plate type and make sure that the drum speed value is not higher than 900 RPM.

Out of focus areas (one or more) appear on the exposed image

1. Verify that the Drum Vacuum Power switch at the back of the platesetter is **on**.
2. Verify that the Drum vacuum pump is working. In the Hardware window, select **Drum System → Drum Vaccum Pump,** and click **Start**.
3. Clean the drum surface with a cloth.
4. If the problem still persists, clean each vacuum hole in the faulty section of the drum; use the special cleaning tool (needle) provided in the spare parts box.
5. If the problem is not solved, please contact the your local Call Center for further instructions.

Error message "Expose with no good lasers"

If the error message appears at the beginning of a plate exposure, open the Hardware window and do the following:

For SW version 2.10.06:

1. Click **Others** and right-click on Lotem800V. Then double-click on **Expose** and verify that you have the following values:
   - Default First Laser Number = 0
   - Default Last Laser Number = 23
   - If the values are different, you should modify them. Please note that you need to change the user type in order to change the parameter value. To do so, click **Users** in the Routine Functions menu to open the Define User window. Choose **Service** as user type and enter password **aaa**.
2. Click **Save** and then **Send**.

For SW version 2.20.10 and higher:

3. Click on **Expose System → Laser Group**.
4. Click **Reset Diode**; the numbers in the window should change to 0-23 (for Lotem 800V) and 0-47 (for Lotem 800V^2).
5. If the obtained values are different, you should modify them accordingly. Please note that you need to change the user type in order to change the parameter value. To do so, click **Users** in the Routine Functions menu. In the Define User window that is displayed, choose **Service** as user type and enter password **Scitex**.

Error Message "Laser Performance Reduced"

In most cases when this error appears, this means that one or a few lasers failed during the calibration procedure that preceded the plate expose.

1. Verify that the Intensity setting in the Setup Table for the specific plate type is **not** set to a value above 300 mw. To check the value, click **Setup Tables** from the Utilities menu.
2. If the value is above 300, you must change it. The maximum value is 300, but normally each plate has its own intensity value. A backup file with all plate intensity values should be available on the DataBase backup diskette. The best way is to restore the DataBase as described in *Appendix - Lotem 800V Application & Operating System Loading, section F* of this document.
3. Write down the error message and the number(s) of the laser(s) involved.
4. Contact your local Call Center for further instructions. In the meantime, you can continue working but the expose time will be increased.

Communication Problems Between Brisque and Lotem

If your Lotem is equipped with VLSI board

1. If the Brisque DFE shows error code 5155/5881, open the Setup menu on the Brisque. Then click **Config** and choose **Expose**.

   If the Status icon shows Plotting, select **Boards** from the Config window and click **Release Screen Processor**. Verify that the Status icon now shows Connected.

   In the Queue Manager, verify that no icons are flashing. If the Plate Expose icon flashes, open the Operation Control and de-activate the icon. To do so, click on the Tool menu of the Queue Manager window, and select **Operation Control,** and then in the Suspend Operation list, click on the Plate Expose icon.
2. The message "Expose Task Aborted By Host" may appear during expose, and may be followed by "The Task Carriage Motor Failed" and error code **5223** on the Brisque DFE. Do the following:

   First try to shut down and restart the platesetter and the Brisque. If this doesn't solve the problem, contact your local Call Center for further instructions.
3. Check the Network or the Point To Point cable between the platesetter and the Brisque. Make sure it is properly connected.
4. Do the following to check if you can ping the platesetter from the Brisque: open the terminal window on the Brisque DFE. Then on the PC, open **Settings → Control Panel → Network → TCPIP → Properties** and type ping 192.9.200.2.

   Important: The Lotem IP may be a different number. You can verify the number on the Brisque. Choose **SCISMIT → Platesetter** and then the **Display Lotem IP Address** option in the Lotem IP address field.

   To stop the ping sequence type: **CTRL+C**. Please see the network connection in Figure 8 on page 13.

If your platesetter is connected with TSP (TurboScreening)

1. Verify that the Data cable is securely connected to the Brisque.
2. Check that the Network or the Point To Point cable between the platesetter and the Brisque is properly connected.
3. Check if you can ping the platesetter from the Brisque: open the terminal window on the Brisque. Then on the PC, open **Settings → Control Panel → Network → TCPIP → Properties** and type ping 192.9.200.2.

   Important: The Lotem IP may be a different number. You can verify the number on the Brisque. Choose **SCISMIT → Platesetter** and then the **Display Lotem IP Address** option in the Lotem IP address field.

   To stop the ping sequence type: **CTRL+C**. Please see the network connection in Figure 8 on page 13.

Appendix: Lotem 800V Application & Operating System Loading

Important Notes:

- The Machine Parameters diskette contains all the machine parameters and is attached to the Electronics box of every new machine on the production line.
- SAVE the machine parameters frequently on the diskette.
- Both the Registry file and the DataBase folder can be saved to the same diskette.
- In case of a System disk crash or S/W corruption, you will not be able to open the machine doors or backup the parameters. Therefore you should proceed as follows:
    - Refer to the *Lotem 800V Installation Guide Chapter 2, Hardware Installation* for instructions on how to manually open doors.
    - Use the machine parameters diskette to restore the machine parameters. Get the IP Address from the system administrator or use the Brisque SciSmit.

Lotem 800V S/W Installation/Update

Prior to S/W Loading:

A. Save the Registry file on a floppy diskette

B. Save the DataBase folder on a floppy diskette

C. Write down the IP address of the PC controller

D. Load the Lotem 800V Operating System (version 1.00) 510V51689 (only if required)

E. Load the Lotem 800V Application S/W.

After S/W installation:

F. Restore the DataBase folder from the floppy diskette

G. Install the Remote Support tools.

A. Saving the Registry File

Note: The saved registry file is applicable for the current S/W version.

1. Power up the Lotem 800V platesetter.
2. Manually open the right side door of the platesetter.
3. Insert a formatted write-enabled floppy diskette into the floppy drive.
4. On the PC, select **Start** and then **Run** from the pop-up menu.
5. Type *regedit* in the text box and select **OK**.
6. Select **HKEY_LOCAL_ MACHINE**, **SOFTWARE**, **Scitex**, **Projects**, **LOTEM800V**. Make sure that Lotem800V is highlighted.
7. Select **Registry** from the main menu.
8. Select **Export Registry File**.
9. Select the floppy diskette (A:) from the Save in pop-up menu. Type in logical file name xxx.reg and save the registry.

10. Select **Registry** from the main menu.
11. Select **Exit**.
12. Leave the diskette in the floppy drive and proceed to save the DataBase (B).

B. Save the DataBase Folder

1. Select **Start** and then **Programs** from the pop-up menu.
2. Select **Windows Explorer**.
3. Select Drive (C:), folder Lotem, DataBase (DataBase is highlighted).
4. From the Edit menu select **Copy**.
5. Select the floppy diskette (A:); from the Edit menu, select **Paste** to copy the DataBase folder to the floppy diskette (or use the Drag & Drop option).
6. Select **File** and **Close**.
7. Remove the diskette from the floppy drive.

C. Write down the IP address of the PC controller.

1. Select **Start** and then **Settings** and **Control Panel**.
2. From the Control Panel, select **Network**.
3. Select **TCP/IP**.
4. Write down the I/P Address.
5. Select **OK** (twice) and exit the Control Panel.

D. Loading Lotem 800V Operating System 1.00

Note: This procedure should be performed only when required.

Please use the following procedures in order to load the Win 95 S/W and all the necessary drivers.

1. Turn on the Lotem 800V platesetter in order to open the CD drive.
2. Insert the S/W Startup 1.00 diskette into the floppy drive and the Operating System 1.00 CD-ROM into the CD drive.
3. Press **Ctrl + Alt + Del** to reboot the computer. Then press and hold **Delete** on the keyboard to enter the BIOS SetUp screen.
4. Select the **Misc** screen. On this screen, select **Detect IDE** and change the PIO to 0. Press **Esc**.
5. Select the **Standard** screen. On this screen, select **Date/Time** and update the date and time. Press **Esc**.
6. Select the **Setup** screen. On this screen, select **Advance** and change the BootUp Sequence to A, C, CD-ROM.
7. Press **Esc** twice to exit and select **Save Changes and Exit**. The system will boot from the S/W Startup diskette.
8. Select **Option A** from the screen.

9. At the prompt, “Are you sure you want to continue?” select **Yes** (estimated loading time 5 min.).
10. When loading is completed, remove the S/W Startup diskette from the floppy drive, and the Operating System CD-ROM from the CD drive.
11. Press **Ctrl + Alt + Del** and select **Shutdown** and then **Restart**. After restart, make sure that Windows 95 is running.
12. Define the IP address of the PC controller (refer to section C.).
13. You are now ready to load the Lotem800V Application.

E. Loading Lotem 800V Application S/W

Please use the following procedures to load the Lotem 800V Application S/W:

Note: Before installing a new version, make sure to delete the Lotem800V application and diagnostics icons of the previous version.

1. Insert the Application CD-ROM into the CD drive.
2. Wait for the Lotem SetUp screen to appear.
3. Select **Next** in the Welcome screen.
4. Select **Yes** to confirm Software License Agreement.
5. Enter the following and select **Next**:
   Name: (engineer’s name)
   Company: Scitex Corp. Ltd.
   Serial: (machine S/N)
6. Verify that the Destination folder is C:\Lotem and select **Next**.
7. Verify that the Setup Type is **Typical** and select **Next**.
8. Select **Strobe 5** or **Strobe 7** depending on your machine configuration and select **Next**.
9. Select **VLSI** or **TSP**, depending on the type of your machine and select **Next**.
10. Select **Local 2** or **Local 3** depending on your machine configuration and select **Next**.
11. Select **No** if your configuration does not include the Full Auto Loader and select **Next**.
12. Verify that the setting in the window is correct and select **Next**.
13. The Start Coping Files message appears (estimated time 5 min.).
14. Select **Finish** when Setup Complete appears; the Lotem800V icon will appear on your desktop.
15. Remove the Application S/W CD-ROM from the CD drive and close the doors.
16. If necessary, perform the Restore DataBase procedure (F).
17. Restart the computer.
18. Launch the Lotem 800V application by double-clicking on the icon. Please note that launching the application may take about 7 minutes.

Note: **Do not** restore the Registry file.

F. Restore the DataBase Folder

1. Make sure that the backup diskette is in the floppy drive.
2. On the PC, select **Start** and then **Program** from the pop-up menu.
3. Select Windows Explorer.
4. Select and open Drive C:\Lotem.
5. Select and open the floppy diskette (A).
6. Drag & drop the DataBase folder from floppy diskette (A) to Drive C:\Lotem.
7. Select **Yes to all** to confirm folder replacement.
8. From the File menu, select **Close**.
9. Remove the diskette from the floppy drive.

G. Restore the Registry

1. Make sure that the backup diskette is in the floppy drive and the Lotem application is **off**.
2. On the PC, select **Start** and then **Program** from the pop-up menu.
3. Select **Windows Explorer**.
4. Select and open the floppy diskette (A).
5. Find the last saved BackUp registry (Extension Reg)
6. Double-click on the file and wait for the window informing that the restore was completed.
7. Remove the diskette from the floppy drive.

H. Install the Lotem Remote Tools: NetMeeting and WinVNC

1. From the Windows Explorer, open the Lotem Application CD.
2. On the CD, open the Remote Support Tools folder.
3. Double-click on the ReadMe.htm file, and follow the instructions provided for installing the NetMeeting and WinVNC software.